

Section 8: Annexes

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Annex A: RHMP Plan Distribution List

The King County Regional Hazard Mitigation Plan will be available on multiple levels within the community. The RHMP, with appropriate Annexes, will be distributed to the Washington State, Department of Emergency Management; the Federal Emergency Management Agency, Region 10; the King County Government Office of Emergency Management; each of the partner jurisdictions in the planning process. It will also be made available and shared with other jurisdictions within the county and in the contiguous five counties (Snohomish, Chelan, Kittitas, Yakima, Pierce) and communities.

The Regional Hazard Mitigation Plan will be made available on request. *

*Specific requests for individual annexes or data pertaining to specific participating jurisdictions will be forwarded to the respective jurisdiction.

Annex B: Cities

City of Auburn
City of Burien
City of Duvall
City of Federal Way
City of Issaquah
City of Kirkland
City of Normandy Park
City of North Bend
City of SeaTac
City of Woodinville

Annex B: Fire Districts

Federal Way Fire Department
King County Fire District #2 – Burien/Normandy Park
King County Fire District #40 – Renton
King County Fire District #43 – Maple Valley
King County Fire District #44 - Mountainview
King County Fire District #45 – Duvall
North Highline Fire District – White Center
Woodinville Fire & Life Safety

Annex B: King County Government Departments

King County Facilities Management
King County Department of Transportation
King County Executive Services, Information and
Telecommunications Services
Seattle-King County Department of Public Health
King County Department of Development and Environmental Services
King County Facilities Management
King County Department of Natural Resources and Parks
King County Sheriff's Office

Annex B: School Districts

Federal Way School District
Lake Washington School District
Vashon Island School District

Annex B: Utility Districts

Cedar River Water and Sewer District – Renton
Coal Creek Utility District – Newcastle
King County Water District #20 – Seattle
King County Water District #90 – Renton
King County Water District 111
Midway Sewer District
Northshore Utility District
Ronald Wastewater District
Shoreline Water District
Soos Creek Water and Sewer District – Renton
Southwest Suburban Sewer District – Seattle
Val Vue Sewer District
Woodinville Water District

Annex C: Agency Participation

Agencies participating in the planning process for the December 8, 2003 submission of the Regional Hazard Mitigation Plan attended weekly workgroup planning session. Each planning session focused on a specific component of the plan and covered review of documents, as they were available. Weekly topics are identified in **Section 2: Plan Development**.

Attendance at the workgroup meetings was maintained. Workgroup meetings were designed to provide information supporting the Hazard Identification and Vulnerability Assessment as well as building toward developing individual agency strategies and initiatives. Draft copies of the Regional Hazard Mitigation Plan were provided for review, and resolution of intention to adopt the FEMA approved plan was provided.

Consultants represented several utilities in the planning process. These consultants were: Roth Hill Engineering Partners, LLC: RH2 Engineers, Planners, Scientists; and CHS Engineers. A Roth Hill Engineering Partners, LLC representative attended for Cedar River Water & Sewer District and Soos Creek Water & Sewer District. RH2 provided information and documents for Shoreline Water District, and CHS Engineers provided support for King County Water District 20, Ronald Waste Water and Southwest Suburban Sewer Districts.

See **Table C-1** for an agency participation summary.

Agencies not listed in the following tables worked with King County OEM Staff and with internal planning teams from the jurisdiction. Drafts were submitted to the King County OEM staff person assigned and reviewed before a draft was forwarded to State Emergency Management for their review. Documents reaching consensus were forwarded to FEMA Region 10 for conditional approval.

Table C-1: Agency Participation					
Agency	Workgroup Attendance	Public Meeting	Signatory Agreement	Intention to Adopt	Adoption
<i>Cities</i>					
City of Auburn	85%	8/23/04	3/12/03		
City of Burien	100%	10/27/03	6/18/02		
City of Duvall	70%		2/24/03		
City of Federal Way	100%	10/20/03	10/2/03		
City of Issaquah	85%	4/21/04	3/28/03		
City of Kirkland	80%	7/10/03			
City of Newcastle	90%	9/2/03	4/8/03		
City of Normandy Park	10%				
City of North Bend	70%		6/25/02		
City of Pacific	10%				
City of SeaTac	100%	4/25/03	3/14/03		
City of Woodinville	80%	10/6/03	8/12/02		
<i>Fire Districts</i>					
North Highline Fire District	100%		1/13/04		
KCFD #43	75%	3/18/04	3/3/04		
KCFD #44	60%		3/9/04		
Federal Way Fire Dept.	90%	9/23/03	6/28/02		
KCFD #40	70%		3/13/03		
KCFD #45	80%	4/17/03	4/17/03		
Woodinville Fire & Life Safety	80%		4/3/03		
<i>School Districts</i>					
Lake Washington School District	80%	4/14/03	6/28/02		
Federal Way School District	100%	4/21/04	1/9/04		
Vashon Island School District	40%	4/22/04	2/12/04		
<i>Utility Districts</i>					
Cedar River Water & Sewer	90%	8/5/03	7/16/02		
Coal Creek Utility District	90%	4/18/03	10/23/02		
Covington Water District	100%	4/21/04	1/12/04		
KCWD #20	90%	9/16/03	8/6/02		
KCWD #90	100%	10/16/03	8/22/03		
KCWD #111	85%		8/28/02		
Midway Sewer District	100%	8/27/03	6/26/02		
Northshore Utility District			6/24/02		
Ronald Wastewater	90%	2/27/03	6/11/02		
Shoreline Water District	90%	9/18/03	7/2/02		
Soos Creek Utility District	90%	9/17/03	6/26/02		
SW Suburban Utility District	90%	9/16/03	6/18/02		

Table C-1: Agency Participation

Agency	Workgroup Attendance	Public Meeting	Signatory Agreement	Intention to Adopt	Adoption
Val Vue Sewer District	100%	5/2/03	Yes, no date		
Woodinville Water District	60%	4/4/03	4/15/03		
<i>King County Government</i>					
King County Government			4/17/03		
KC Assessments	50%				
KC Facilities	100%				
Seattle-King County Public Health	10%				
KC Information and Technology Services	40%				
KC Surface Water Mgmt – Flood Control	60%	7/27/04			
KC Parks	70%				
KC Wastewater	90%				
KC Solid Waste	80%				
KC Sheriff's Office	60%				

Resolution Number _____

Concerning the ((Name of Municipality))'s Local Mitigation Plan

Whereas, the ((Name of municipality)) is vulnerable to the human and economic costs of natural, technological and societal disasters, and

Whereas, the ((Name of municipality's governing body)) recognizes the importance of reducing or eliminating those vulnerabilities for the overall good and welfare of the community, and

Whereas, the ((Name of Municipality)) has been an active participant in the Regional Hazard Mitigation Plan of King County Task Force, which has established a comprehensive, coordinated planning process to eliminate or decrease these vulnerabilities, and

Whereas, the ((Name of municipality))'s representatives and staff have identified, justified and prioritized a number of proposed projects and programs needed to mitigate the vulnerabilities of ((Name of municipality)) to the impacts of future disasters, and

Whereas, these proposed projects and programs have been incorporated into the initial edition of the Regional Mitigation Plan that has been prepared and issued for consideration and implementation by the communities of ((Name of Primary Jurisdiction)),

Now therefore, be it resolved on this ((date)) day of ((month)), ((Year)) that,

- 1] The ((Name of the municipality's governing body)) hereby proposes to accept and approves of its designated portion of the Regional Hazard Mitigation Plan, upon approval by FEMA, and
- 2] The agency personnel of ((Name of municipality)) are requested and instructed to pursue available funding opportunities for implementation of the proposals designated therein,
- 3] The ((Name of municipality)) will, upon receipt of such funding or other necessary resources, seek to implement the proposals contained in its section of the strategy, and
- 4] The ((Name of municipality)) will continue to participate in the updating and expansion of the Regional Hazard Mitigation Plan in the years ahead, and
- 5] The ((Name of municipality)) will further seek to encourage the businesses, industries and community groups operating within and/or for the benefit of the ((Name of municipality)) to also participate in the updating and expansion of the Regional Hazard Mitigation Plan in the years ahead.

So resolved,

((Signatures as appropriate for the jurisdiction))

Annex D: Plan Adoption Documentation

Adoption resolutions are available directly from agency points of contact as scanned or faxed documents. See 'Individual Agency Plans – Contact Information'.

Annex E: Public Participation

The list below identifies the Regional Hazard Mitigation Plan (RHMP) presentations conducted during the plan's development. In addition to the public presentations, a developmental draft copy of the RHMP was posted to the King County Emergency Management website. As of August 23rd, 2004, no public inquiries, requests, or recommendations were received.

February 7, 2003	City of Duvall
February 19, 2003	Project Impact Show on Mitigation Planning
February 26, 2003	City of Burien
February 27, 2003	Ronald Wastewater
March 5, 2003	Federal Way City Council
March 6, 2003	Skyway Water and Sewer District
March 10, 2003	Enumclaw School District
March 19, 2003	City of Woodinville
March 19, 2003	Fire District Zone #1
March 24, 2003	City of Auburn Commissioners
March 27, 2003	City of Newcastle
April 1, 2003	King County Water District #49 Commissioners
April 3, 2003	Issaquah City Council
April 4, 2003	Woodinville Water & Sewer District
April 7, 2003	Northshore Water District
April 11, 2003	City of Burien
April 14, 2003	Lake Washington School District
April 18, 2003	Coal Creek Utility Commissioners
April 25, 2003	SeaTac Committee Meeting
May 2, 2003	Val Vue Sewer District Commissioners
June 10, 2003	Factoria Fire Commissioners
July 10, 2003	Kirkland Fire Department
July 17, 2003	Fire Zone #1
August 5, 2003	Cedar River Water and Sewer District Commissioners
August 27, 2003	Midway Sewer District
September 2, 2003	Newcastle City Council
September 16, 2003	King County Water District #20
September 16, 2003	Southwest Water District Commissioners
September 17, 2003	Soos Creek Water & Sewer District Commissioners
September 18, 2003	Shoreline Water Commissioners
September 23, 2003	Federal Way Fire Department Commissioners
October 6, 2003	Woodinville City Council
October 16, 2003	Water District #90 Commissioners
October 20, 2003	Federal Way City Council
October 27, 2003	Burien City Council

November 7, 2003	Federal Way Emergency Management Committee
February 24 th , 2004	King County Fire District 44 Commissioners Meeting
March 19 th , 2004	King County Water District #111
	City of Issaquah
	City of Pacific
August 23 rd , 2004	City of Auburn
	City of Issaquah
	North Highline Fire District
	King County Fire District 43
	King County Fire District 44
	Covington Water District
	North Shore Utility District
	Federal Way School District
	Vashon Island School District
	King County Utility District 111
	Coal Creek Utility District
	Cedar River Utility District
November 18 th , 2004	City of Kirkland

Public presentations following draft plan distribution: Notice of Public Meetings was posted in the Seattle Times one week prior to the listed meetings. Contact information was available in the public notice.

November 4, 2003	Woodinville City Hall
November 6, 2003	Federal Way City Hall
August 23 rd , 2004	Auburn Fire Station 31

Annex F: Policy and Program Analysis

VISION 2020

VISION 2020 is the region's first long-range growth management, economic and transportation strategy for the central Puget Sound region encompassing King, Kitsap, Pierce and Snohomish counties. It combines a public commitment to a growth management vision with the transportation investments and programs and economic strategy necessary to support that vision. The plan was developed by members of the Puget Sound Regional Council (county and city officials or representatives) along with members from labor, civic and environmental interest groups. VISION 2020 calls for locating development in urban growth areas so services can be provided efficiently, and farmlands forests and other natural resources are conserved. The VISION 2020 strategy contains the following eight parts: urban growth areas, contiguous and orderly development; regional capital facilities; housing; rural areas; open space, resource protection and critical areas; economics; and transportation. Together, these eight parts constitute the Multicounty Policies for all four counties and meet the requirements of the Growth Management Act. Source: Puget Sound Regional Council website. www.psrc.org/projects/vision/vision2020

King County Region

Countywide Planning Policies

The Countywide Planning Policies (CPPs) define the countywide vision and sets the framework for the County's and cities' comprehensive plans. The CPPs, adopted by the County and cities in 1992, are primarily goals that, if properly implemented, should improve the quality of life in King County during the next twenty years. The policies established an Urban Growth Area (UGA) within the western one-third of King County where most growth and development is target. The goals and policies include: reducing urban sprawl, protecting rural areas, providing affordable housing throughout the county and coordinating protection of environmentally sensitive areas. Many of these policies directly and indirectly influence hazard mitigation activities. The King County Benchmark Report, issued annually, provides a mechanism to monitor progress of the Countywide Planning Policies to determine if public policy and programs are making a difference. This information is also helpful in understanding trends affecting hazard mitigation issues. 2003 King County Annual Growth Report – Benchmark Highlights.

King County (Unincorporated)

King County Comprehensive Land Use Plan

King County's comprehensive land-use planning dates back to 1964. Its first comprehensive plan under the State Growth Management Act (GMA) was adopted in 1994. Comprehensive plans adopted in accordance with GMA must manage growth so that development is directed to designated urban areas and away from rural areas. The GMA also requires jurisdictions to designate and protect critical areas and commercially significant forestry, agriculture, and mining areas. The GMA requires each comprehensive plan to adhere to a set of thirteen goals and to include the following elements: land use, housing, capital facilities, utilities, rural and transportation. King County's Comprehensive plan applies only to unincorporated areas of the County. Source: [2000 KC Comp Plan](#))

Municipalities, Districts, and Other Agencies

Land Use: Cities develop their own plans specific to land use (zoning) and long-range planning (comprehensive plan). These plans must be consistent with the Countywide Planning Policies.

BUILDING CODES SUPPORT MITIGATION

The Building Services Division of the Department of Development and Environmental Services serves the citizens and business of unincorporated King County with building planning services. Its mission is to promote public safety within the Uniform Building Code.

The Building Services Division promotes mitigation by reviewing developmental plans, meeting with the development community and by conducting inspection of buildings under construction to assure compliance with the building code as amended and adopted by King County.

The building code contains provisions that will limit the size of buildings base upon the type of construction and will require that the building is divided into fire safe areas through the installation of fire resistive wall and doors which limits the spread of fire.

Annex G: Critical Facilities

"Annex G: Critical Facilities" is exempt from public disclosure pursuant to RCW 42.17.310 (1) (WW). Requests for public disclosure of this document, or parts thereof, should be referred immediately to the King County Prosecuting Attorney's Office.

Distribution of this document beyond the intended party is prohibited unless authorized in writing in advance by the King County Prosecuting Attorney's Office or Designee.

Annex H: Potential Funding Sources

In fulfillment of 44 CFR § 201.4(c) (3) (iv), the following are the identification of current and potential sources of Federal, State, local, or private funding that may be utilized to implement mitigation activities. With jurisdictions of similar disciplines (e.g., water, sewer & utilities) all having common resource pools, the resources are grouped below.

King County Government – Internal Agencies

- Taxes
- Bonds
- Levies
- Grants: FEMA, CDBC, ODP, DOE, DOJ
- General Fund
- Debt Capacity
- Self-Insurance fund (Raid; borrow)
- Capitol Improvement Fund
- WoLP – Budgeted – non-discretionary funds

Fair Increases (Metro Transit)

Utility District

- Rates – Customer/ Product / Sales
- FEMA – Hazard Mitigation Grants (Pre and Post Disaster)
- PWPF – Public Works Trust Fund
- DOE--Water Quality Program (SRF, Centennial)
- General Facilities Changes/Development Fees
- Pilot Projects (Coal Creek)
- Bonds
- Insurance (? Mitigation)
- CDBG (Community Development Block Grants)
- State Line Item Appropriations
- ULID -Utility Local Improvement Districts

- General Facilities Funds
- Water Revolving Funds

Fire Districts

- Taxes
- Bonds
- Levies
- Grants (FEMA, EPA, Dept of Education, DOE, DOJ, HHS)
- State Fire Mobility (Mutual aid/ FEMA Reimbursement)
- Corporate and Private Donations
- Benefit Service Charge (based upon structure and s. f.)

Estimating Existing Resource Availability

- Current Capital Improvement Budget
- Current Debt Capability
- Annual Budget

CITIES

- General Fund
- Levies
- Bonds
- Grants: FEMA, CDBC, WA State, etc.
- Loan (Public Works Trust Fund)
- Reserve Fund
- Insurance (? As a loan or a reduction in rates?)
- Impact Fund (only for new facilities and operations)
- Debt Capacity
- Local Improvement Districts
- VOADs (Faith Based – Shelters)
- Native American Nation Partnerships

SCHOOLS

- Levies
- Bonds
- Impact Fees

Current Resource Availability

- Capital Improvements
- Budget
- Debt Capacity

Annex I: References and Resources

Documents/Forms

- FEMA 10 - Local Hazard Mitigation Plan Determination Form
- Regional Hazard Mitigation Plan Timeline/Functional Group Work Plan
- Regional Mitigation Plan Signatory Form
- RHMP Adoption Resolution Sample

Hazard Mitigation Planning References/Resources

The following agencies were major resources in the development of this plan:

Federal Emergency Management Agency (FEMA)

500 C Street SW

Washington, DC 20472

Website: <http://www.fema.gov>

Federal Emergency Management Agency (FEMA) – Region X

Federal Regional Center

130 228th Street SW

Bothell, WA 98021-9796

(425) 487-4600

Website: <http://www.fema.gov/reg-x/regx.htm>

King County Office of Emergency Management

3511 NE 2nd Street, MS: ECC-ES-0100

Renton, WA 98056

(206) 396-3830

Website: <http://www.metrokc.gov/prepare>

King County GIS Center

King Street Center

201 South Jackson Street

MS: KSC-NR-0706

Seattle, WA 98014

Website: <http://www.metrokc.gov/gis/>

Municipal Research Center

Website: <http://www.mrsc.org>

United States Census Bureau
4700 Silver Hill Road
Washington, DC 20233
(301) 763-4636
Website: <http://www.census.gov>

Washington Institute for Hazards Mitigation Planning and Research
Website: <http://depts.washington.edu/mitigate/>

Washington State Military Department - Emergency Management Division
Building 20, M/S: TA-20
Camp Murray, WA 98430-5122
800-562-6108
Website: <http://www.emd.wa.gov>

Washington State Office of Financial Management (OFM)
PO Box 43113
Olympia, Washington 98504-3113
(360) 902-0555
Website: <http://www.ofm.wa.gov>

Glossary

A.F.I.S. – Automated Fingerprint Identification Systems

ALF – Animal Liberation Front

ALS – Advanced Life Support

BCA – Benefit-Cost Analysis

BLS – Basic Life Support

CDC – Center for Disease Control and Prevention

CERT – Citizens Emergency Response Team

CHS Engineers – Contractor hired by multiple utilities for plan development

CIP – Capital Improvement Program

CS – Tear gas

CTV – County Television

DI – Ductile-iron

DOJ – United States Department of Justice

EAS – Emergency Alert System

EDC – Education Development Center

EMAC – Emergency Management Advisory Committee

EMS – Emergency Medical Services

EMT – Emergency Medical Technician

EOC/ECC – King County Emergency Operation Center/Emergency Coordination Center

ERP – Emergency Response Plan

ESCA – Emergency Services Coordinating Agency

FBI – Federal Bureau of Investigation

FEMA – Federal Emergency Management Agency

Flood Phases – Phase I-IV Progressive with IV being worst

FMO – Fire Marshal's Office

FTA – Federal Transit Administration

GIS – Geographic Information System

HIVA – Hazard Identification Vulnerability Analysis

HMGP – Hazard Mitigation Grant Program

HMP – Hazard Mitigation Plan

ISB – Investigative Services Bureau

K.C.F.D. – King County Fire Department

KCDNR&P – King County Department of Natural Resources and Parks

KCSO – King County Sheriff's Office

LEPC – Local Emergency Planning Committee, Hazardous Materials Planning group

M.A.R.R. – Major Accident Response and Reconstruction

MCI – Mass Casualty Incident

NET – Neighborhood Emergency Team

ODP – Office of Domestic Development, part of Homeland Security

OEM – King County Office of Emergency Management

PBEC – Precinct-Based Emergency Communications

Presidential Decision Directive #39 – Issued by the President without congressional approval process

Project Impact – FEMA public info. television production

PRV –

PSA – Public Service Announcements

PSAP – Public Safety Answer Point (911)

RH2 Engineers – Contractor hired by multiple utilities for plan development

RHMP – Regional Hazard Mitigation Plan

RWD – Ronald Wastewater District

SAR – Search and Rescue

SBA – Small Business Administration

SKDPH – Seattle-King County Department of Public Health

SPART – Ski Patrol and Rescue Team

SPU – Seattle Public Utility

SWAT – Special Weapons and Tactics Teams

Tac 30 – Tactical Team 30 (SWAT)

TOPOFF – Top Officials (Exercises)

TSA – Transportation Safety Administration

U.S.C. – United States Code

UGA – Urban Growth Area

ULID – Utility Local Improvement District

USAR – Washington State Urban Search and Rescue

VATS – Vessel and Terminal Security

WAC 118-04 – Regulation governing Emergency Management Registration of Emergency Workers

WAC 118-40 – Regulation creating LEPC's

Washington Growth Management Act (GMA) – Encourage wise land use and planning

Washington State Fire Services Resource Mobilization Plan – also "Mobilization Plan;" designed to provide a process to quickly notify, assemble, and deploy fire service personnel and equipment to any local fire jurisdiction in the state that has expended all local and mutual aid resources

WAWSD – Washington Association of Water and Sewer District

WMD – Weapons of Mass Destruction

WSDOT – Washington State Department of Transportation

WTD – Water Treatment Division

WTO – World Trade Organization